

EU SAFETY DATA SHEET

Prepared in accordance with the Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), published in the Official Gazette dated June 23, 2017, and numbered 30105.

(Regulation (EC) No: 1907/2006 Registration, Evaluation, Authorization and Restriction of Chemicals (REACH))

DURADENT DURAGEL CATALYST

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Chemical name/Commercial name : DURADENT DURAGEL CATALYST

Chemical characterization : Organic tin compound

Substance/Mixture : Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against

Intended use : Professional - Catalyst for poly-condensation RTV-2 silicone rubber

Not allowed use : Everyone not specified

1.3 Details of the supplier of the safety data sheet

Manufacturer : ERK DENTAL MEDİKAL TIBBİ MALZ.TUR.SAN.VE TIC.LTD.STİ

TUNA MAH. SANAT CAD. NO: 17 -211 Bornova/İzmir Türkiye

For urgent inquiries, refer to : info@erkdental.com

1.4 Emergency telephone number

For urgent inquiries refer to : +90 232 458 20 55 (Mon. - Fri.: 8:00/13:00 - 13.30/18:00)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008:

Class	Category	Route of exposure	H-Code
-	-	-	-

2.2 Label elements

Labelling according to Regulation (EC) 1272/2008:

Pictogram(s) : Not applicable

Signal word : Not applicable

Danger indications:

H-Code	Hazard statements
H	-

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Safety advice:

P-Code	Precautionary statements
-	-

2.3 Other hazards

Some data are not know.

3. Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Type	Product	N° CAS	N° CE	Content %	Classification
		REACH N°			
INHA	Tetraethyl-silicate	78-10-4	201-083-8	5 - 10%	Flam. Liq. 3, H226; Eye Irrit. 2, H319; Acute Tox 4, H332; STOT SE 3, H335
		01-2119496195-28-XXXX			
INHA	Vinyltrimethoxysilane	2768-02-7	220-449-8	5 - 10%	Flam. Liq. 3, H226; Acute Tox. 4, H332
		01-2119513215-52-XXXX			
INHA	Alkylstanno-siloxane	93925-43-0	300-346-5	1 - 5%	Flam. Liq. 3, H226
		01-2120753666-44-XXXX			
INHA	Benzoic acid	65-85-0	200-618-2	0 - 1	Skin Irrit. 2, H315; Eye Dam. 1, H318; STOT RE 1, H372
		01-2119455536-33-XXXX			

Type: INHA: Ingredient, VERU: Impurity

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above the permitted limit. The full wording of the risk (R) and hazard (H) phrases is given in section 16 of the sheet.

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4. First aid measures

4.1 Description of first aid measures

General information:

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

Inhalation:

Move victim to fresh air. Seek medical treatment in case of troubles.

Skin contact:

Immediately wipe affected skin area with paper towel or cloth. Thoroughly wash skin with soap and water. If symptoms persist, consult a physician (show the label or safety data sheet).

Eye contact:

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

Swallowing:

Rinse mouth with water. Never give an unconscious person anything through the mouth. Consult physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation:

Some data are not know.

Skin contact:

Some data are not know.

Eye contact:

Some data are not know.

Swallowing:

Some data are not know.

4.3 Indication of any immediate medical attention and special treatment needed

Consultation of a physician:

If necessary after first aid.

For rescue team:

Personal protection equipment for the members of the rescue team. Strictly observe the rules of hygiene during and after work.

First aid media:

Emergency shower and eyewash. Remove contaminate clothing immediately.

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5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Nebulized water, extinguishing powder, foam, carbon dioxide, sand.

Extinguishing media, which shall not to be used for safety reasons:

Full water jet.

5.2 Special hazards arising from the substance or mixture:

Combustion causes harmful smoke. Exposure to combustion products can be hazardous to health. Do not breathe combustion products.

5.3 Advice for firefighters:

General information:

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

Special protective equipment for firefighting:

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

Remove persons without protective devices.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. If material is released indicate risk of slipping. Do not walk through spilled material.

6.2 Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

6.3 Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic / non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations. For large amounts: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent /soap solution or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction. Observe section 7 disposition.

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6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

7. Handling and storage

7.1 Precautions for safe handling

Do not breathe vapour/aerosol. Avoid contact with skin and eyes. Wear suitable protective clothing. Avoid eyes, skin, clothing contact. Keep away from flames and sparks. Not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Provide adequate ventilation, and local exhaust as needed. Keep container tightly closed in a cool place. Keep away from heat sources, sparks and open flames. Store containers in upright position. Do not drop, drag or bang the container. Do not re-use the empty container. Do not weld. Keep containers tightly closed in a cool, well-ventilated place. Avoid contact with oxidizing substances.

7.3 Specific end use(s)

Information not available.

8. Exposure controls/personal protection

8.1 Control parameters

Valori limite della qualità dell'aria sul posto di lavoro delle singole sostanze contenute.

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Threshold Limit Value:

Substance	Type	Country	TWA/8h (mg/m ³)	TWA/8h (ppm)	STEL/15min (mg/m ³)	STEL/15min (ppm)	
Ethyl-silicate	TLV	CZE	50	-	200	-	--
	AGW	DEU	12	1.4	12	1.4	-
	MAK	DEU	86	10	86	10	-
	TLV	DNK	85	10	-	-	-
	VLA	ESP	87	10	-	-	-
	HTP	FIN	86	10	170	20	-
	VLEP	FRA	85	10	-	-	-
	OEL	NLD	10	-	-	-	-
	TLV	NOR	85	10	-	-	SKIN
	NDS	POL	80	-	-	-	-
	TLV-ACGIH	-	85	10	-	-	-
Vinyltrimethoxy silane	TLV-ACGIH	-	-	1	-	-	-

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Predicted no-effect concentration - PNEC:

Substance	Type	Value	Unit	
Unit	Normal value in fresh water	0.192	mg/l	-
	Normal value in marine water	0.0192	mg/l	-
	Normal value for fresh water sediment	0.83	mg/Kg	-
	Normal value for marine water sedimen	0.083	mg/Kg	-
	Normal value for water, intermittent release	10	mg/l	-
	Normal value of STP microorganisms	4000	mg/l	-
	Normal value for the terrestrial compartment	0.05	mg/Kg	-
Vinyltrimethoxy silane	Normal value in fresh water	0.36	mg/l	-
	Normal value in marine water	0.036	mg/l	-
	Normal value for fresh water sediment	1.3	mg/Kg	-
	Normal value for marine water sediment	0.13	mg/Kg	-
	Normal value for water, intermittent release	2.4	mg/l	-
	Normal value of STP microorganisms	6.6	mg/l	-
	Normal value for the terrestrial compartment	0.055	mg/Kg	-
Benzoic acid	Normal value in fresh water	-	mg/l	-
	Normal value in marine water	0.034	mg/l	-
	Normal value for fresh water sediment	1.75	mg/Kg	-
	Normal value for marine water sediment	0.175	mg/Kg	-
	Normal value for water, intermittent release	0.331	mg/l	-
	Normal value of STP microorganisms	100	mg/l	-
	Normal value for the terrestrial compartment	0.151	mg/Kg	-

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Health - Derived no-effect level - DNEL/DMEL:

Substance	Route of exposure	Effect on consumers				Effect on workers			
		Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Ethyl- silicate	Inhalation	Not hazard	0.7 mg/m ³	Not hazard	0.7 mg/m ³	Not hazard	2.6 mg/m ³	Not hazard	2.6 mg/m ³
	Skin	Not hazard	0.1 mg/kg/d	Not hazard	0.1 mg/kg/d	Not hazard	0.2 mg/m ³	Not hazard	0.2 mg/m ³
Alkylstann o-siloxane	Inhalation	-	-	-	2.03 µg/m ³	-	-	-	11.5 µg/m ³
	Skin	-	-	-	5.83 mg/Kg/d	-	-	-	16.3 mg/Kg/d
Vinyltrimethoxy silane	Inhalation	25 mg/m ³	25 mg/m ³	25 mg/m ³	25 mg/m ³	85 mg/m ³	85 mg/m ³	85 mg/m ³	85 mg/m ³
	Skin	Irritant	8.4 mg/kg/d	VND	8.4 mg/kg/d	Irritant	12.1 mg/Kg	Irritant	12.1 mg/Kg/d
Benzoic acid	Inhalation			1.3 mg/m ³	2.1 mg/m ³	-	-	6.3 mg/m ³	10.4 mg/m ³
	Skin			4.5 mg/cm ²	20.8 mg/Kg/d	-	-	4.5 mg/cm ²	34.7 mg/Kg/d

8.2 Exposure controls

Exposure in the work place limited and controlled

General protection and hygiene measures:

Avoid contact with skin, eyes and clothing. Use in accordance with good industrial hygiene and safety rules. Wash hands before breaks and immediately after handling the product. Keep working clothes separately. Use suitable protective gloves and eye/face protection. When using, do not eat, drink or smoke.

Respiratory protection:

Indossare una maschera in caso di superamento del valore limite e della concentrazione massima nel posto di lavoro (WEL). Usare filtro di tipo AX (contrastava vapori di composti organici con basso punto di ebollizione) conforme a EN 371.

Hand protection:

Protective gloves according to EN 374. Glove material: Plastic or rubber. Breakthrough time: > 480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection:

Tightly sealed safety glasses according to EN 166.

Skin protection:

Wear suitable protective clothing.

Exposure to the environment limited and controlled

Prevent material from entering surface waters, drains or sewers and soil. Do not introduce large amounts into purification plants.

8.3 Further information for system design and engineering measures

Observe information in section 7. Observe national regulatory requirements.

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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: gel
Colour	: red
Odour	: mint
Odour threshold	: some data are not know
pH	: some data are not know
Melting point	: some data are not know
Boiling point	: some data are not know
Flash point	: some data are not know
Evaporation rate	: some data are not know
Lower flammability/explosive limit	: some data are not know
Upper flammability/explosive limit	: some data are not know
Vapour pressure	: < 0,1 kPa (20°C)
Water solubility	: not soluble
Vapour density	: some data are not know
Relative density (a 20°C)	: 1.0 g/ml
Partition coefficient (n-octane/water)	: some data are not know
Decomposition temperature	: > 200°C
Viscosity (a 20°C)	: some data are not know
Explosive properties	: some data are not know
Reactive properties	: some data are not know
Ignition temperature	: some data are not know

9.2 Other information

Some data are not know.

10. Stability and reactivity

10.1 Reactivity

Some data are not know.

10.2 Chemical stability

Product is stable under normal conditions. High temperatures, intense light produce lens changes to the product.

10.3 Possibility of hazardous reactions

Methanol and ethanol in case of hydrolysis.

10.4 Condition to avoid

Keep away from heat sources, sparks and open flames. Protect from water and humidity.

10.5 Incompatible materials

Oxidizing agents, strong acids, strong bases, alkaline, water.

10.6 Hazardous decomposition products

Some data are not know.

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11. Toxicological information

11.1 Information on toxicological effects

There is no product testing, we report the results on testing of dangerous ingredients.

Acute toxicity

Substance	Route of exposure	Result/Effect	Species / Test system	Source
Alkylstanno-siloxane	Oral	LD50: > 2000 mg/kg	Rat	OECD 423
	Inhalation	-	-	-
	Skin	LD50: > 2000 mg/kg	Rat	OECD 402
Ethyl-silicate	Oral	LD50: > 2500 mg/kg	Rat	OECD 401
	Inhalation	LC50: 10 mg/l ; 4h	Rat	OECD 403
	Skin	n.d.	Rabbit	OECD 402
Vinyltrimethoxysilane	Oral	LD50: 7120 mg/kg	Rat	OECD 401
	Inhalation	LC50: 16.8 mg/l ; 4h	Rat	OECD 403
	Skin	LD50: > 2000 mg/kg	Rabbit	OECD 402
Benzoic acid	Oral	LD50: 2565 mg/kg	Rat	OECD 401
	Inhalation	LC50: 12.2 mg/l ; 4h	Rat	OECD 403
	Skin	LD50: > 2000 mg/kg	Rabbit	OECD 402

Skin corrosion/irritation

Substance	Result/Effect	Species/Test system	Source
Alkylstanno- siloxane	Not classified	semi-occlusive; rabbit	OCSE 404
Ethyl-silicate	Not irritating	semi-occlusive; rabbit	OECD 404
Vinyltrimethoxy silane	Not irritating	semi-occlusive; rabbit	OECD 404
Benzoic acid	Slightly irritating	semi-occlusive; rabbit	OECD 404

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Serious eye damage/eye irritation

Substance	Result/Effect	Species/Test system	Source
Alkylstanno- siloxane	Not classified	Rabbit	OCSE 405
Ethyl-silicate	Not irritating	Rabbit	OECD 405
Vinyltrimethoxy silane	Not irritating	Rabbit	OECD 405
Benzoic acid	Risk of serious injury	Rabbit	OECD 405

Respiratory or skin sensitization

Substance	Route of exposure	Result/Effect	Species/Test system	Source
Alkylstanno-siloxane	Dermal	Not classified	Guinea-pig; Bühler	Test report (read-across substance)
Ethyl-silicate	Dermal	Not sensitizing	Guinea-pig; Bühler	Test report (read-across substance)
Vinyltrimethoxysilane	Dermal	Not sensitizing	Guinea-pig; Bühler	Test report (read-across substance)
Benzoic acid	Dermal	Not sensitizing	Guinea-pig; Bühler	OECD 406

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Substance	Result/Effect	Species/Test system	Source
Alkylstanno- siloxane	Not classified	Chromosome aberration assay (in vitro) mammalian cells	OECD 473
	Not classified	Mutation assay (in vitro) bacterial cells	OECD 471
	Not classified	Mutation assay (in vitro) mammalian cells	OECD 476
	Not classified	Rodent Dominant Lethal Test rat (Sprague Dawley) oral; germ cells	OECD 478
	Not classified	chromosome aberration assay (in vivo) rat (Sprague Dawley) intraperitoneal; bone marrow cells	OECD 475
Ethyl-silicate	Negative	Chromosome aberration assay (in vitro) mammalian cells	OECD 473
	Negative	Mutation assay (in vitro) bacterial cells	OECD 471
	Negative	Mutation assay (in vitro) mammalian cells	OECD 476
	Negative	Rodent Dominant Lethal Test rat (Sprague Dawley) oral; germ cells	OECD 478
	Negative	chromosome aberration assay (in vivo) rat (Sprague Dawley) intraperitoneal; bone marrow cells	OECD 475
Vinyltrimethoxy silane	Negative	Chromosome aberration assay (in vitro) mammalian cells	OECD 473
	Negative	Mutation assay (in vitro) bacterial cells	OECD 471
	Negative	Mutation assay (in vitro) mammalian cells	OECD 476
	Negative	Rodent Dominant Lethal Test rat (Sprague Dawley) oral; germ cells	OECD 478
	Negative	chromosome aberration assay (in vivo) rat (Sprague Dawley) intraperitoneal; bone marrow cells	OECD 475
Benzoic acid	n.d.	Chromosome aberration assay (in vitro) mammalian cells	OECD 473
	n.d.	Mutation assay (in vitro) bacterial cells	OECD 471
	n.d.	Mutation assay (in vitro) mammalian cells	OECD 476
	n.d.	Rodent Dominant Lethal Test rat (Sprague Dawley) oral; germ cells	OECD 478
	n.d.	chromosome aberration assay (in vivo) rat (Sprague Dawley) intraperitoneal; bone marrow cells	OECD 475

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Carcinogenicity

No data known.

Reproductive toxicity

Based on the available data the criteria for classification as toxic to reproduction are not fulfilled.

Substance	Result/Effect	Species/Test system	Source
Dimethyltin neodecanoate	None known	screening test Rat inhalation (vapore); 7 d/w; 6 hours/day	OECD 422
Ethyl-silicate	Not predicted effects	screening test Rat inhalation (vapore); 7 d/w; 6 hours/day	OECD 422
Vinyltrimethoxy silane	Not predicted effects	screening test Rat inhalation (vapore); 7 d/w; 6 hours/day	OECD 422
Benzoic acid	n.d.	screening test Rat inhalation (vapore); 7 d/w; 6 hours/day	OECD 422

Specific target organ toxicity (single exposure)

No data known.

Specific target organ toxicity (repeated exposure)

Based on the available data the criteria for classification as toxic after repeated exposure are not fulfilled.

Substance	Result/Effect	Species/Test system	Source
Dimethyltin neodecanoate	May effects on blood, kidney, liver, skin, immune system	-	OECD 413
Ethyl-silicate	NOAEL: 10 mg/Kg	Oral rat (28d)	OECD 422
	LOAEL: 0.43 mg/l	Inhalation rat (28d)	OECD 412
Vinyltrimethoxy silane	LOAEL: 62.5 mg/Kg	Oral rat (28d)	OECD 422
Benzoic acid	NOAEL: 500 mg/Kg NOAEL: > 750 mg/Kg bw/day	Oral rat	OECD 413
	NOAEL: 2500 mg/Kg	Skin rabbit	
	NOAEC: < 25 mg/m ³	Inhalation rat	

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Aspiration hazard
 No data known.

12. Ecological information

12.1 Toxicity

No product tests are available. The results are shown on the tests performed on the dangerous components present.

Substance	Result/Effect	Species/Test system	Source
Alkylstanno-siloxane	LC50: > 100 mg/l	Semi-static barbo zebrato (Carpa) (96h)	OECD 203
	EC50: > 100 mg/l	Static Daphnia magna (48h)	OECD 202
	EC50: > 100 mg/l	Pseudokirchneriella subcapitata, (72h)	OECD 201
	EC50: > 1000 mg/l	Organismi acquatici (3h)	OECD 209
Ethyl-silicate	LC50: > 245 mg/l	Semi-static barbo zebrato (Danio rerio) (96h)	OECD 203
	EC50: > 75 mg/l	Static Daphnia magna (48h)	OECD 202
	EC50: > 100 mg/l	Statico Desmodesmus subspicatus (72h)	OECD 201
	EC50: > 100 mg/l	Fango di depurazione (3h)	OECD 209
Vinyltrimethoxysilane	LC50: > 191 mg/l	Semi-static barbo zebrato (Danio rerio) (96 h)	OECD 203
	EC50: > 168.7 mg/l	Static Daphnia magna (48 h)	OECD 202
	EC50: > 210 mg/l	Statico Desmodesmus subspicatus (72 h)	OECD 201
	EC50: > 1000 mg/l	Fango di depurazione (3h)	OECD 209
Benzoic acid	LC50: 44.6 mg/l	Semi-static barbo zebrato (Danio rerio) (96 h)	OECD 203
	EC50: 860 mg/l	Static Daphnia magna (48 h)	OECD 202
	EC50: > 33.1 mg/l	Statico Desmodesmus subspicatus (72 h)	OECD 201
	n.d.	Fango di depurazione (3h)	OECD 209

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12.2 Persistence and degradability

No product tests are available. The results are shown on the tests performed on the dangerous components present.
Biodegradation:

Substance	Result/Effect	Test system/Method	Source
Alkylstanno- siloxane	Not easily biodegradable. Developmental test of carbon dioxide (CO ₂): 11-12% (28d).	Biological oxygen demand (BOD)	OECD 301F
Ethyl-silicate	Quickly biodegradable	Biological oxygen demand (BOD)	OECD 301D
Vinyltrimethoxy silane	Not easily biodegradable. Exposure time 28d, result: 51%	Biological oxygen demand (BOD)	OECD 301F
Benzoic acid	n.d.	Biological oxygen demand (BOD)	OECD 301F

Hydrolysis:

Substance	Result/Effect	Test system/Method	Source
Alkylstanno-siloxane	n.d.	pH 7	OECD 111
Ethyl-silicate	Half-life: 4,4 h	pH 7	OECD 111
Vinyltrimethoxy silane	Half life: 2,4 h	pH 7	OECD 111
Benzoic acid	n.d.	pH 7	OECD 111

12.3 Bioaccumulative potential

Not immediately bioaccumulative.

12.4 Mobility in soil

Limited soil absorption.

12.5 Results of PBT and vPvB assessment

This product contains no relevant substances considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6 Other adverse effects

In order to avoid contamination, do not allow the substance to drain into groundwater, into streams or drains.

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13. Disposal considerations

13.1 Waste treatment methods

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

13.2 Uncleaned packaging

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

13.3 Waste Disposal Legislation Ref.No.(EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

14. Transport information

14.1 UN number

Not regulated for transport.

14.2 UN proper shipping name

Not regulated for transport.

14.3 Transport hazard class(es)

Not regulated for transport.

14.4 Packing group

Not regulated for transport.

14.5 Environmental hazards

Not applicable.

14.6 Special precaution for user

Relevant information in other sections has to be considered.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Bulk transport in tankers is not intended. (Attac. II of Marpol 73/78, IBC code).

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15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National and local regulations must be observed. For label information refer to section 2 of this sheet.

15.2 Chemical safety assessment

Some data are not know.

16. Other information

16.1 Product

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements. The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information. Observed national and local regulations. ERK DENTAL assumes no responsibility for incorrect, improper or non-compliant product use. This new data sheet replaces all previously printed documentation.

16.2 Other information

Bibliography:

Regulation (EC) 1907/2006 (REACH) of the European Parliament Regulation (EC) 1272/2008 (CLP) of the European Parliament

Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament Regulation (EC) 453/2010 of the European Parliament

Regulation (EC) 830/2015 of the European Parliament

Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament Regulation (EC) 618/2012 (III Atp. CLP) of the European Parliament Regulation (EC) 487/2013 (IV Atp. CLP) of the European Parliament Regulation (EC) 944/2013 (V Atp. CLP) of the European Parliament Regulation (EC) 605/2014 (VI Atp. CLP) of the European Parliament

Test of hazard (H) phrases mentioned in section 2-3 of this sheet:

Flam. Liq 3: Flammable liquids - category 3 Skin Irrit. 2: Skin irritation - category 2

Eye Dam. 1: Serious eye damage/eye irritation - category 1 Eye Irrit. 2: Serious eye damage/eye irritation - category 2

Acute Tox 4: Acute toxicity - category 4

STOT SE 3: Specific target organ toxicity – single exposure 3 STOT RE 1: Specific target organ toxicity - repeated exposure 1 H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H372 Causes damage to organs through prolonged or repeated exposure.

Note:

n.d. : not determined

n.a. : not applicable

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The information given in this safety data sheet is based on our current knowledge and experience and describes the product in terms of safety-related requirements. The product-related information in this Safety Data Sheet has been compiled from what is known about the individual ingredients.

This Safety Data Sheet examines the product in terms of safety requirements and does not make any guarantees regarding the product's features.

The data here is valid only when the product is used for its appropriate applications. product other are not sold in accordance with applications - in such a case its use may result in risks not mentioned in this list. Do not use for applications you are considering without consulting the manufacturer.

To the best of our abilities, we have tried to provide correct information in this Safety Data Sheet. All known hazards and information about the product have been tried to be presented to the user. However, every product is likely to present undiscovered hazards. Our company cannot be held responsible for the consequences that may arise beyond our knowledge and control, depending on the place of use and terms of use. We strongly recommend that users read the information presented in this Safety Data Sheet carefully, understand the way of use thoroughly and make them available to authorized persons. It has been prepared and approved by expert personnel within the framework of the regulation on the Preparation of Safety Data Sheets on Hazardous Substances and Mixtures (Official Gazette 13.12.2014-29204).

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements. The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information. Observed national and local regulations. ERK DENTAL assumes no responsibility for incorrect, improper or non-compliant product use. This new data sheet replaces all previously printed documentation.

PREPARED BY

Name/Surname : VILDAN TUNÇBİLEK CHEMIST
CHEMICAL EVALUATION EXPERT (KDU) TUV AUSTRIA CERTIFIED
Certificate No : -TUV AUSTURİA / 11.60.09
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